

BAGDASAROV, S.M.; FAYNBERG, E.S.; ZOLOTOAREV, Yu.Ye.

Sandy asphalt concrete with coarse-grained sand. Avt. dor.
27 no.4:10-11 Ap '64. (MIRA 17:9)

KRYLOV, S.A.; BAGDASAROV, Sh.B.

Crumbling process of cement samples under local compression.
Trudy MORI 34:17-21 '59. (MIRA 13:12)
(Cement--Testing)

BAGDASAROV, Sh.B.; SMIRNOV, Yu.T.

Studying the drillability of rocks when drilling horizontal
test holes in the Udokan deposit. Trudy MGRI 34:31-39 '59.
(Udokan Range--Boring) (MIRA 13:12)

VERCHEBA, A.O.; BRYLOV, S.A.; BAGDASAROV, Sh. B.

Mechanization of test ditch and hole sinking. Izv. vys. ucheb. zav.;
geol. 1 razv. 3 no.8:99-111 Ag '60. (MIRA 13:10)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordshonikidze.
(Prospecting)

MAMEDOV, Z.M., prof., zasluzhennyy deyatel' nanki; BAGDASAROV, T.M., kand.
med.nauk

Report on the work of the Azerbaijan Surgical Society for 1958.
Azerb.med.zhur. no.12:87-91 D '59. (MIRA 13:4)

1. Predsedatel' Azerbaydzhanskogo obshchestva khirurgov (for Mamedov).
(AZERBAIJAN--SURGICAL SOCIETIES)

BAGDASAROV, V.A.; LAKERNIK, M.M.

Electric smelting for matte in copper metallurgy. TSvet.met. 28
no.3:55-57 My-Je '55. (MIRA 10:11)
(Copper--Electrometallurgy)

BAGDASAROV, V. A.

Bagdasarov, V. A.

"The preservation of blood for purposes of forensic expertise. Experimental investigation." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis!, No. 25, 1956

KANTER, E.I.; BAGDASAROV, V.A.

Results of a meeting of the chief legal medical experts of the
Union Republics. Sud.-med. ekspert. 2 no.3:59-62 JI-S '59.

(MIRA 13:4)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -
prof. V.I. Prozorovskiy) Ministerstva zdavookhraneniya SSSR.
(MEDICAL JURISPRUDENCE)

BAGDASAROV, V. A.

Some data on changes in agglutinating properties of the factor P during the process of prolonged blood preservation. Probl. gemat. i perel. krovi no.12:49-51 '61. (MIRA 15:6)

1. Iz Nauchno-issledovatel'skogo instituta sudebnoy meditsiny (dir. - prof. V. I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR.

(BLOOD—COLLECTION AND PRESERVATION)
(AGGLUTINOGENS)

BAGDASAROV, V.G.

Sustaining formation pressure in gas-condensate pools by means of
water injection. Trudy Azerb. ind. inst. no.19:102-109 '57.
(MIRA 11:9)

(Apsheron Peninsula--Condensate oil wells)

ASADOV, I.M.; BAGDASAROV, V.G.; VELIBEKOV, A.A.

Developments in the use of technical methods and machinery in the
Azerbaijan petroleum production. Azerb.neft.khoz. 36 no.11:16-22
N '57. (MIRA 11:2)

(Azerbaijan--Petroleum engineering)

SOV/136-58-5-5/22

AUTHORS: Bykhovskiy, Yu.A. and Polyakova, V.V., Bagdasarov, V.A., Kazakov, A.S. and Sarkisyan, A.M.

TITLE: Converter Automation, Utilisation of Converter Gases and Application of a Spectroscope Method for Controlling the Bessemerisation Process (Avtomatizatsiya konverterov, ispol'zovaniye konverternykh gazov i primeneniye spektral'nogo metoda kontrolya protsessa Bessemerovaniya)

PERIODICAL: Tsvetnyye Metally, 1958, Nr 5, pp 28 - 34 (USSR)

ABSTRACT: At the Alaverdi Copper-chemical Combine, the productivity of converter operation and of the sulphuric-acid plant and converter campaign life were increased in 1957 by introducing automatic control and rapid analytical methods. The authors hope their description of the methods and their development will be useful to other combines. In addition to the authors, the following participated in the work: from the Alaverdi Combine - Sakhanskiy, Zarapov, Bezhanov, Arutyunyan, Davtyan, Kortava, Feofanov, Tumanyan and other; from Gintsvetmet - Rodionova, Kuznetsov and Olevanov; from the TsPKB of the Proyektmontazhavtomatika (now Giprotsvetmet) - Rozendor, Averbukh and Finger; from Kavteplokontrol'-Dzodtsoyev, Kapysitskiy and Vishnevskiy. The authors

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SOV/136-58-5-5/22

Converter Automation, Utilisation of Converter Gases and Application of a Spectroscope Method for Controlling the Bessemerisation Process

describe first the automation of converters with details of the instruments and a circuit diagram (Figure 1). The component parts of the system are units for automatic regulation of gas pressure in the dust-catcher, for automatic control of blast flow rate and pressure, for protecting tuyeres from filling with liquid metal in the event of blast pressure falling below the safe value, for continuous temperature measurement in the converter (Figure 2) and a series of alarm signals. The spectroscopic analytical method adopted was developed after a special investigation in which the continuous flame spectrum was photographed and also studied visually. For determining the readiness of white matte, a pocket spectroscope is now used, the method being based on the appearance of two narrow lines (in the region 5400 and 5700 Å). For controlling the end of the bessemerisation process, the relation between the SO₂ content of the exit gases and the state of the process is used, observations being made with a steeloscope. The results

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SOV/136-58-5-5/22

Converter Automation, Utilisation of Converter Gases and Application
of a Spectroscope Method for Controlling the Bessemerisation Process

in 1957 of the adoption of automation of the combine were a 5-6% increase in converter heat weight, 7-8% decrease in duration, a converter campaign life increase up to 5 1/2 from 3 months, increase in sulphur-dioxide concentration to 6-8% and savings of materials and power; production of elementary sulphur also increased and the overall productivity of the converter shop rose by 15%.

There are 4 figures and 2 Soviet references.

ASSOCIATIONS: Gintsvetmet and Alaverdskiy medno-khimicheskiy kombinat (Alaverdskiy Copper-chemical Combine)

Card 3/3

1. Furnaces--Control systems
2. Waste gases--Applications
3. Sulfuric acid--Production
4. Steel--Production
5. Spectrophotometers--Applications

BAGDASAROV, V.G.

Calculating well bottom pressure in gas condensate fields. Azerb.
neft., khoz. 37 no.2:26-29 F '58. (MIRA 11:6)
(Condensate oil wells)

BAGDASAROV, V.G.

Relation between the forces acting in a layer and in a gas lift in
flowing wells. Izv. vys. ucheb. zav.; neft' i gaz no.4:55-60 '58.
(MIRA 11:9)

1. Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova.
(Oil wells--Gas lift)

BAGDASAROV, V.G.

Artificial gas-cap drive. Azerb.neft.khoz. 37 no.6:24-26
Je '59. (MIRA 13:4)
(Oil fields--Production methods)

**FLEGONTOVA; AKATOV, S.; AKATOV, K.; ARUTYUNYAN; BAGDASAROV; PEREPELYUK;
ORLIK; ROMENETS; IKHNO; VLASOV; TSIRKEL'; SYROYEZHKO.**

Obligations in honor of the 22d Congress of the CPSU have been fulfilled. Masl.--zhir. prom. 27 no.11:1-3 N '61. (MIRA 15:1)

1. Zamestitel' nachal'nika ekonomicheskogo otдела Upravleniya meditsinskoy i parfyumernoy promyshlennosti Mosgorsovnarkhcha (for Flegontova). 2. Direktor Leningradskogo mylovarennogo zavoda imeni Karpova (for S.Akatov). 3. Direktor Nevskogo mylovarennogo zavoda (for K.Akatov). 4. Glavnyy inzh. Zaporozhskogo maslozhirovogo kombinata (for Arutyunyan). 5. Direktor Yerevanskogo maslozhirovogo kombinata (for Bagdasarov). 6. Direktor Ferganskogo maslozhirovogo kombinata (for Perepelyuk). 7. Glavnyy inzh. Chinkentskogo maslozhirovogo kombinata (for Orlik). 8. Direktor Kazanskogo zhirovogo kombinata (for Romenets). 9. Glavnyy inzh. Gomel'skogo zhirovogo kombinata (for Ikhno). 10. Direktor Novosibirskogo zhirovogo kombinata (for Vlasov). 11. Direktor Odesskogo masloekstraktsionnogo zavoda (for TSirkel'). 12. Direktor Vitebskogo masloekstraktsionnogo zavoda (for Syroyezhko).
(Oil industries)

BAGDASAROV, Yu.A.; GAYDUKOVA, V.S.; KUZNETSOVA, N.N.; SIDORENKO, G.A.

Find of lueshite in Siberian carbonatites. Dokl. AN SSSR 147
no.5:1168-1171 D '62. (MIRA 16:2)

1. Predstavleno akademikom D.I. Shcherbakovym.
(Siberia--Minerals) (Niobium compounds)

s/089/60/008/05/06/008
B006/B056

AUTHOR: Bagdasarov, Yu. Ye.

TITLE: Thermal Shock Calculations for the Construction
Elements of Reactors /9

PERIODICAL: Atomnaya energiya, 1960, Vol. 8, No. 5, pp. 452 - 454

TEXT: The thermal shock occurring in consequence of the rapid temperature drop of the coolant emerging from the reactor core has repeatedly been investigated (Refs. 1 - 3). The stresses hereby caused can best be prevented by placing a thermal shield between coolant and wall. The walls concerned may be considered to be plane when calculating the temperature fields and thermal stresses. In practice, the load-bearing walls and the thermal shield are mostly made from one and the same material. For the calculations described it is assumed that calculation in plane geometry is sufficiently accurate, and that there is perfect contact between the layers of the thermal shield as well as between thermal shield and wall. The existence of a liquid layer is neglected. The neglect of the resistivity to heat and the thermal capacity of the

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Thermal Shock Calculations for the
Construction Elements of Reactors

S/089/60/008/05/06/008
B006/B056

liquid layer leads to an increase of thermal stresses in the course of calculations, which, however, can be estimated. The results of calculation, which are given only in rough outlines, are shown in diagrams on p. 453; the explicit formulas are given on the same page. The definition of the quantities occurring in the equations is given at the end of the paper. The numerical values hold for steel of the grade 1X18H9T (1Kh18N9T). There are 1 figure and 6 references: 4 Soviet.

SUBMITTED: July 13, 1959

Card 2/2

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BAGDASAROV, Yu.Ye.; KAZACHKOVSKIY, O.D.

Calculation of the nonstationary temperature field in the reactor
channel and thermoelastic stresses in a fuel element can. Atom.
energ. 13 no.3:241-249 S '62. (MIRA 15:9)
(Nuclear reactors)

KALAFATI, Dmitriy Dmitriyevich; SKVORTSOV, S.A., retsenzent;
KAZACHKOVSKIY, O.D., retsenzent; BAGDASAROV, Yu.Ye.,
retsenzent; KUZNETSOV, I.A., retsenzent; KORYAKIN, Yu.I.,
red.; LARIONOV, G., tekhn. red.

[Thermodynamic cycles of atomic electric power plants]
Termodinamicheskie tsikly atomnykh elektrostantsii. Moskva,
Gosenergoizdat, 1963. 279 p. (MIRA 16:4)
(Thermodynamics) (Atomic power plants)

1. 19455-63 EPR/EWT(1)/EPF(c)/EPF(n)-2/BDS AFFTC/ASD/IJP(C)/SSD Pb-4/
ACCESSION NR: AP3006493 Pr-4/Pu-4 WW S/0170/63/006/009/0067/0072

AUTHOR: Bagdasarov, Yu. Ye. 278

TITLE: Approximate solution of two-layer problems of unsteady heat conduction 7\

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 6, no. 9, 1963, 67-72

TOPIC TAGS: heat conduction, heat capacity, thermal resistance, two layer problem, heat transfer, reactor coolant, fuel element

ABSTRACT: An approximate method for solving two-layer problems of unsteady heat conduction based on the averaging of temperatures in one of the layers is proposed. In this method the heat capacity and thermal resistance of one layer are used as the boundary condition for a differential equation written for the other layer. Analytical formulas are obtained for calculation of unsteady temperature fields in wall-wall and wall-liquid layer systems of bodies. Orig. art. has: 1 figure, 1 table, and 11 formulas.

ASSOCIATION: Fiziko-energeticheskiy institut, Obninsk (Physical and Power Engineering Institute)

Card 1/1

L 11464-65 EPT(m)/EPT(c)/EPT(n)-2/EPT Pt-4/Ps-4/Pu-4 AEDC(b)/AFWL/BSD/SSD
DM

ACCESSION NR: AP4036523

S/0089/64/016/005/0407/0413

AUTHOR: Bagdasarov, Yu.Ye.; Kazachkovskiy, O.D.; Pinkhasik, M.S.; Py*shin, V.K.

TITLE: Study of unsteady operating conditions for natural circulation in multi-loop designs of nuclear reactors 19

SOURCE: Atomnaya energiya, v. 16, no. 5, 1964, 407-413

TOPIC TAGS: nuclear reactor cooling, liquid metal cooling, unsteady reactor operating condition, reactor emergency shutdown

ABSTRACT: The authors have developed a method of computation of unsteady operating conditions (emergency shutdown) for natural circulation in multiloop designs of nuclear reactors. The essential point to be considered is the delay factor which depends on the heat exchange between the coolant and the stationary parts of the loop (pipes); the geometry of the heat exchanger is important. Since exact solutions are impossible because of the complexity of the problem, the authors have worked out an approximate system of equations which was programmed on an electronic computer. In the computations, the delay, coolant flow rate, heat losses through insulation, and heat exchange between the steel structure and liquid sodium were considered. Experimental results are in good agreement

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L 14464-65

ACCESSION NR: AP4036523

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with the computations. Of the factors mentioned above, the most important one is the heat exchange between the coolant (sodium) and the stationary part of the structure. The natural circulation is a reliable cooling method for nuclear reactors. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 030ct63

ENCL: 00

SUB CODE: NP

NO REF SOV: 003

OTHER: 000

Card 2/2

5

L 5171-66 EPA(s)-2/ENT(m)/EPF(c)/EPF(n)-2/ENG(m)/T/ENT(t)/ENF(b) IJF(c)
 ACCESSION NR: AT5022451 JD/WN/JG/GS UR/0000/65/000/000/0001/0030

AUTHOR: Leypunskiy, A. I.; Kazachkovskiy, O. D.; Pinkhasik, M. S.;
Krasnoyarov, N. V.; Bagdasarov, Yu. Ye.; Troyanov, M. F.; Milovidov,
I. V.; Afrikantov, I. I.; Poydo, M. S. (Deceased); Stekol'nikov, V.V.

TITLE: BN-350 nuclear power plant

SOURCE: Obninsk. Fiziko-energeticheskiy institut. Doklady, 1965.
Atomnaya stantsiya BN-350, 1-30

TOPIC TAGS: nuclear power plant, liquid metal cooled reactor,
 fast reactor, nuclear reactor technology, desalination

ABSTRACT: After a brief discussion of the advantages of using fast
 neutron reactors for power production, a new 350 Mw fast neutron
 sodium cooled reactor of BN-350 type is described. At present, a
 power plant equipped with such reactors and P-50 back pressure steam
 turbines is under construction in the Mangyshlak peninsula area at
 the northeastern coast of the Caspian Sea. The dual-purpose plant
 will generate 150 Mw of electric power and produce 1200 ton/hr of

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ACCESSION NR: AT5022451

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steam. The steam will be used by a desalting plant designed to supply 120,000 cu m of fresh water per day. It is expected that the power plant will be put into operation in 1968 or 1969. The primary and the secondary intermediate loops of the reactor will be cooled by liquid sodium. The third loop will be of steam-water type. The reactor core carries 211 hexagonal fuel assemblies each containing 169 uranium-dioxide elements. At the beginning, a compound of uranium-dioxide and plutonium will be used in fuel elements. There are 120 inner and 320 outer assemblies placed in concrete shields. The selected essential data on BN-350 reactor are as follows:

Thermal power	1000 Mw
Core Volume	1.87 cu m
Core diameter	1.495 m
Core height	1.06 m
Vessel diameter	6 m
Vessel height	2.2 m
Coolant temperature (inlet)	300 C
Coolant temperature (outlet)	500 C

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Many other details and data are given on reactor core and concrete shielding as well as on the reactor tank made of X18H9 stainless steel. A special chapter is devoted to the discussions of various control systems including power control, measurements, automatic regulation, reactivity compensation, and emergency protection. The replacement and handling of fuel elements is also discussed. The radiation shielding is briefly described. Some information is given on the selection of materials as well as on the experimental investigation of various control and safety systems. An extensive analysis of heat transfer system is also presented dealing with primary and secondary loops, heat exchanger, pumps, piping, emergency heat removal, steam generators and other equipment. In conclusion, some further possible improvements in the design and operation of fast neutron reactors are outlined including a more efficient burn-up of

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ACCESSION NR: AT5022451

fuel elements, a further increase in temperature and an eventual use of fuel carbides instead of oxides. Orig. art. has: 2 tables and 6 figures.

ASSOCIATION: none

SUBMITTED: 02Mar65

NO REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: EE, NP

Card 4/4 *md*

BA GDASAROVA, A. M.

COUNTRY : USSR V
 CATEGORY : Pharmacology and Toxicology. Toxicology.
 Poisonous Plants
 ABS. JOUR. : RZhBel., No. 5 1959, No. 23309
 AUTHOR : Bardasarova, A. M.
 INST. : Azerbaydzhani Scientific Research Veterinary*
 TITLE : Toxicity of Certain Species of Wormwood in
 Azerbaydzhani SSR
 ORIG. PUB. : Tr. Azerb. n.-i. vet. opyt. st., 1957, 6, 79-85
 ABSTRACT : The toxicity of the wormwood of the species Artemisa Moyeriana Bess (I) and A. Szovitsiana Bess (II) at different stages of growth was determined on mice, rabbits and horses. The subcutaneous introduction into mice of 0.3-0.5 ml of aqueous extract of wormwood, collected in three rayons,

*Experiment Station

Card: 1/3

81.

COUNTRY : V
CATEGORY :
ABO. JOUR. : VEBiol., No. 5 1959, No. 23309
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : tively; at maturity, it was 'traces' and 0.15%.
cont'd The horses were fed I and II collected in various
rayons of Azerbaydzhan SSR. Withal, it was estab-
lished that I possesses poisonous properties at
all stages of growth.-- R. S. Vorob'yeva

E N D

Card:
#1015

3/3

85

BAGDASAROVA, A.M.; ISLAMOV, K.Sh.; KORIDALIN, Ye.A.; KUZNETSOV, V.P.;
KUZ'MINA, N.V.; NENILINA, V.S.; NERSESOV, I.L.; SULTANOVA, Z.Z.;
KHARIN, D.A.

Seismicity of the eastern part of the southern spurs of the
Greater Caucasus and some problems of methodology in studying
the seismicity of individual regions. Report No.1. Izv.AN Azerb.SSR.
Ser.geol.-geog.nauk no.6:121-131 '59. (MIRA 15:4)
(Caucasus--Seismology)

BAGDASAROVA, A.M.; ISLAMOV, K.Sh.; KORIDALIN, Ye.A.; KUZNETSOV, V.P.;
KUZ'MINA, N.V.; NENILINA, V.S.; NERSESOV, I.L.; SULTANOVA, Z.Z.;;
KHARIN, D.A.

Seismology of the eastern part of the southern spurs of the Greater
Caucasus and some problems of methodology in studying the seismology
of individual regions. Izv.AN Azerb.SSR.Ser.geol.-geog.nauk no.5:
21-31 '60. (MIRA 14:5)

(Caucasus—Seismology)

S/169/62/000/004/006/103
D228/D302

AUTHORS: Bagdasarova, A. M., Islamov, K. Sh., Koridalin, Ye. A.,
Kuznetsov, V. P., Kuz'mina, N. V., Nenilina, V. S.,
Nersesov, I. L., Sultanova, Z. Z. and Kharin, D. A.

TITLE: Seismicity of the eastern part of the southerly spurs
of the High Caucasus Range and some methodical ques-
tions of the study of the seismicity of separate are-
as. Communication 3

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1962, 16, ab-
stract 4A125 (Izv. AN AzerbSSR, ser. geol.-geogr. n.
i nefi, no. 4, 1961, 13-24)

TEXT: The hodographs of the earthquakes of the south-western Cau-
casus are examined together with the results of study of this ter-
ritory's seismicity. Hodographs for all the main wave-types were
constructed from the data of strong earthquake observations at
different seismic stations. The most precise hodograph was obtained
for four strong Vartashen earthquakes. The records of 62 seismic
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Seismicity of the ...

S/169/62/000/004/006/103
D228/D302

stations were used for its construction. The thicknesses of the crust (40 km), the granite layer (19 km), and the basalt layer (21 km) were calculated on the basis of this hodograph. The hodographs of other earthquakes were found to be less accurate. It was established from the observations of the 1953 expedition that for an extent of 150 km (from Vartashen to Marazov) the seismic activity of the eastern part of the southerly slopes of the High Caucasus Range is very high. The epicenters and the depths of 213 earthquakes were determined, and a map of the epicenters was prepared. Considerable azimuthal anomalies of seismic waves, spreading along and across the strike of the High Caucasus Range, were exposed. /-Abstracter's note: Complete translation.-/ ✓

Card 2/2

SL
S/049/61/000/005/001/013
D216/D306

AUTHORS: Fedotov, S.A., Aver'yanova, V.N., Bagdasarova, A.M.,
Kuzin, I.P., and Tarakanov, R.Z.

TITLE: Some results of a detailed study of the seismicity
of the South Kurile islands

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya geofiziches-
kaya, no. 5, 1961, 633-642

TEXT: This paper reports the results of observations carried out
by the Institut fiziki zemli, AN SSSR (Institute of Physics of the
Earth, AS USSR) and the Sakhalinskiy kompleksnyy nauchno-issle-
dovatel'skiy institut AN SSSR (Sakhalin Scientific Research In-
stitute for Comprehensive Studies, AS USSR) between 1957 and 1960
at high sensitivity seismic stations, concentrated on determining
the energies and the coordinates of the foci of earth tremors in
the region studied. The method of Yu. V. Riznichenko (Ref. 5: Me-
tody massovogo opredeleniya koordinat ochagov blizkikh zemletry-
aseniy i skorostey seysmicheskikh voln v oblasti raspolozheniya

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Some results of a ...

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ochagov (Methods of Mass Determination of Coordinates of the Foci of Nearby Tremors and the Velocities of Seismic Waves in the Regions of Location of the Foci), Izv. AN SSSR, ser. geofiz., no.4, 1958) was used to determine the coordinates of the foci, since it enabled fast and accurate assessment of the epicenter and depth of the focus for any law of change of wave velocity with depth.

Hodographs of small tremors gave $\bar{v}_{s-p}$ in the crust = 8.4, $\bar{v}_p = 6.1$, and $\bar{v}_s = 3.5$ km/sec, with the thickness of the crust 20 - 30 km. The velocity of seismic waves in the upper shell of the earth was found from close tremors with depths of foci from 30 - 120 km, refraction at the bottom of the crust being allowed for. The time t_{s-p} recorded at a station was converted into a time for a point 30 km under the station using a nomogram, and this was used to fix a more accurate position of the epicenter. Riznichenko's method (Ref. 5: Op. cit.) then gave the depth of the focus in relation to the 30 km level, the time at a depth of 30 km under

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Some results of a ...

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the epicenter, and the mean velocity of the seismic waves in the shell. From the results, at depths of 30 - 100 km, $\bar{v}_{s-p} = 10.6$ km/sec and the mean value of $v_p/v_s = 1.74$, giving mean P- and S-wave velocities of 7.8 and 4.5 km/sec respectively. At 50 - 80 km depth, $v_p/v_s = 1.71 - 1.72$, implying some decrease of v_p and v_s for constant $\bar{v}_{s-p}$. Due to the distribution of foci in this region both above and below the depth, at which strong absorption of seismic wave energy begins, energetic classification of tremors was made by estimating the energy of the volume wave. The absorption in the shell and crust of the earth were estimated from the variation of the energy current of seismic waves per unit area with epicentral distance for tremors with different focal depths. It was found that for epicentral distances from 35 - 150 km, and depths of focus from 0 - 10 km, the coefficient of energy absorption = $0.008 \pm 0.001 \text{ km}^{-1}$ for the predominating S-wave with a frequency of 3 - 5 c/s. The mean coefficient of energy absorp-

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Some results of a ...

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tion in the shell was found to be 0.007 km^{-1} in the layer at 30 - 50 km depth, and 0.02 km^{-1} in the layer at 30 - 80 to 90 km depth, both at about 3 c/s frequency. The observations indicate that the earth's crust and upper shell layer in the Okhotsk Sea and under the S. Kurile Islands have a low seismicity, despite the recent volcanic activity there. Particular attention is paid to a catastrophic tremor on November 6, 1958, at 22.58 ($\varphi_N = 44.2^\circ$, $E = 148.5^\circ$, $h = 90 \text{ km}$, $M = 8.2$), for which the linear dimensions of the focus were up to 80 km. There are 12 figures and 11 references: 9 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: J. Lehmann, Velocities of longitudinal waves in the upper part of the earth's mantle. Ann. geophys., 15, no. 1, (1959); N. V. Shebalin, Correlation between magnitude and intensity of earthquakes: asthenosphere. Publ. BCSI, ser. A, Tr. Sci., Fasc. 20, Toulouse, (1959).

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki zemli (Academy

Card 4/5

Some results of a ...

S/049/61/000/005/001/013
D216/D306

of Sciences, USSR, Institute of Physics of the Earth)

SUBMITTED: September 15, 1960

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S/169/62/000/008/013/090
E202/E192

AUTHORS: Fedorov, Ye.Ye., and Bagdasarova, A.M.

TITLE: Onora earthquake of July 22, 1959

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 18,
abstract 8 A 123. (Tr. Sakhalinsk. kompleksn. n.-i.
in-ta, no.10, 1961, 177-181).

TEXT: An earthquake occurred on 22.7.59 in the region of the village Onora of the Tymovskiy Rayon, Sakhalin oblast', with a strength of 6 bal. The position of the epicentre was $50^{\circ} 12' N$ lat., $142^{\circ} 17' W$ long; the depth of focus was 20 km. The coordinates were plotted using four methods: epicentral, average line, hyperboles and the method of azimuth determination. The discrepancies amongst the results did not exceed 14 km. In the village Onora, in the two-storey houses 75% of the stove pipes were broken, separate walls of the stoves collapsed. In the single-storey houses 15% of the stove pipes and separate stoves collapsed. Big cracks in the walls appeared in many houses, and the window panes fell out. Buildings which found themselves in the plain

Card 1/2

Onora earthquake of July 22, 1959.

S/169/62/000/008/013/090
E202/E192

portion were more affected than those on the terrace. During the earthquake one could hear a rumble and thunder. The earthquake in Onora is ascribed by the authors to the lift along the fracture passing from NW to SW along which the chalk rocks of the western range were folded over the tertiary deposits of Tym'-Poronay Depression, with the plane of the fault fissure falling to the West. Photographs of the destruction, tectonic diagram and graph of the determined epicentre are given. ✓

[Abstractor's note: Complete translation.]

Card 2/2

FEDOTOV, S.A.; BAGDASAROVA, A.M.; KUZIN, I.P.; TARAKANOV, R.Z.

Seismicity and the subsurface structure of the southern part
of the arc of the Kurile Islands. Dokl. AN SSSR 153 no.3:
668-671 N '63. (MIRA 17:1)

1. Institut fiziki Zemli im. O.Yu. Shmidta AN SSSR. Pred-
stavleno akademikom V.S. Sobolevym.

ACC NR: ^{44,55}AP5028197 EWT(1)/EWA(1)/EWA(b)-2 RO SOURCE CODE: UR/0346/65/000/009/0064/0065

AUTHOR: ²⁸Bagdasarova, A. M. (Candidate of veterinary sciences)

ORG: ^{44,55}Azerbaydzhan Scientific Veterinary Research Institute (Azerbaydzhanskiy nauchno-issledovatel'skiy veterinarnyy)

TITLE: ^{6,44,55}Immortelle--a poisonous plant

SOURCE: Veterinariya, no. 9, 1965, 64-65

TOPIC TAGS: botany, poisonous plant, pharmacognosy, toxicology, veterinary medicine

ABSTRACT: The plant Immortelle grows on pastureland in Azerbaydzhan and is particularly abundant in Divichinskiy Rayon. When dogs and rabbits were injected subcutaneously with 19 ml of an infusion from the fresh plant or when the dried plant was included in the fodder of sheep and horses, all the animals developed symptoms of poisoning within 3-4 days--depression, sluggishness, anorexia, shallow respiration, rapid pulse, pale visible mucosa, etc. The results of dissection of the carcasses were essentially the same for all the animals. In horses, for example, the muscles were yellowish, the gastrointestinal mucosa was swollen with hemorrhages, the liver and spleen were enlarged, the urinary bladder was filled with blood, and the lungs were emphysematous.

SUB CODE: 06/ SUBM DATE: ^{none} ORIG REF: 000/ OTH REF: 000

Card 1/1 UDC: 619 : 632.523

TEODOROVICH, G.I.; BAGDASAROVA, M.V.

Stratigraphy of terrigenous series of the lower Carboniferous
in northwestern Bashkiria. Dokl.AN SSSR 133 no.2:438-441
Jl '60. (MIRA 13:7)

1. Institut geologii i razrabotki goryuchikh iskopayemykh
Akademii nauk SSSR. Predstavleno akademikom A.L.Yanshinym.
(Arlan region--Geology, Stratigraphic)

TEODOROVICH, Georgiy Ivanovich; SOKOLOVA, Natal'ya Nikolayevna;
ROZONOVA, Yelena Dmitriyevna; BAGDASAROVA, Marina Vartanovna;
AMMOV, I.I., doktor geologo-miner. nauk, otv. red.;
NIKOLAYEVA, I.N., red. izd-va; SIMKINA, G.S., tekhn. red.

[Mineralogical and geochemical facies of the terrigene
deposits of the lower Carboniferous in the greater part of the
Ural-Volga region from the viewpoint of their oil and coal
resources] Mineralogo-geokhimicheskie fatsii terrigennykh otlo-
zhenii nizhnego karbona osnovnoi chasti Uralo-Volzhskoi ob-
lasti v sviazi s ikh neftenosnost'iu i uglenosnost'iu. Moskva,
Izd-vo Akad. nauk SSSR, 1962. 172 p. (MIRA 15:5)
(Ural-Volga region--Geology, Stratigraphic)

TEODOROVICH, G.I.; BAGDASAROVA, M.V.; GROZDILOVA, L.P.; LEBEDEVA, N.S.;
FOTIYEVA, N.N.

Stratigraphy of the Upper Tournaisian and Lower Visean stages on
the western slope of the Southern Urals (Usuyli River layer).
Dokl.AN SSSR 149 no.1:166-169 Mr '63. (MIRA 16:2)

1. Predstavleno akademikom A.L.Yanshinym.
(Ural Mountains—Geology, Stratigraphy)

KATSENOVICH, A.L., prof.; MADZHIDOV, V.M., dotsent; KADYROV, V.K., assistant;
SHEKHTEL', A.I.; BISEROVA, M.G.; Primali uchastiye: KHAVKINA, Ye.B.;
SADYMENKO, I.I.; VASIL'YEVA, T.L.; ATAYEVA, T.I.; MYATISHKINA, Z.I.;
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DENISOVA, A.P.

Some unsolved problems of influenzal infection from the aspect of
the epidemic of influenza in 1957 and 1959. Med. zhur. Uzb. no.2:
3-8 F '62. (MIRA 15:4)

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BAGDASAROVA, T.A.

Catalase activity of the blood of children who come to the Shushi from lowland areas of Azerbaijan. Azerb.med.zhur. no.12:75-81 D '58

(MIRA-12:1)

1. Iz kafedry obshchey gigiyeny (zav. kafedroy - zasluzhennyy dayatel' nauki, prof. M.M. Efendi-zade) Azerbaydzhanskogo gosudarstvennogo meditsinskogo instituta im. N.Narimanova.

(CATALASE)

(ALTITUDE, INFLUENCE OF)

BAGDASAROVA, T.A.

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(SHUSHA--HEALTH RESORTS, WATERING PLACES, ETC.) (BLOOD)

EFENDIZADE, M.M.; BAGDASAROVA, T.A.

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68-72 '62. (MIRA 17:4)

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BAGDASAROVA, Ye.M.

Treatment of rheumatism in children with prolonged sleep. *Pediatrics*,
Moskva no.4:32-34 July-Aug 1953. (CML 25:1)

1. Assistant. 2. Of the Clinic for Children's Diseases (Head -- Prof.
E. A. Raykher) of Stavropol' Medical Institute (Director -- Prof. V. G.
Budylin).

BAGDASAROVA, Ye.M.

Sleep therapy in chorea in children. *Pediatrics* no.2:86 Apr '54.
(MLRA 7:6)

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1. Institut onkologii AMN SSSR i Institut rentgenologii i
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during 1950-1960. Vop. rent. i onk. 7:357-364 '63 (MIRA 17:7)

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Izv. Vses. Geograficheskogo Obshchestva, No. 6, 1953

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FEDOROV, Ye.Ye., professor; PREDTECHENSKIY, P.P.; BUCHINSKIY, I.Ye.; SEYANINOV, G.T., professor; BOSHTO, L.V.; ALISOV, B.P.; BIRYUKOV, N.N.; GAL'TSOV, A.P.; GRIGOR'YEV, A.A., akademik; EYGENSON, M.S., professor; MURETOV, N.S.; KHROMOV, S.P.; BOGDANOV, P.N.; LEBEDEV, A.N.; SOKOLOV, V.N.; YANISHEVSKIY, Yu.D.; SAMOYLENKO, V.S.; USMANOV, R.F.; CHUBUKOV, L.A.; TROTSENKO, S.Ya.; VANGENGELM, G.Ya.; SOKOLOV, I.F.; STYRO, B.I.; TEMNIKOVA, N.S.; ISAYEV, E.A.; DMITRIYEV, A.A.; MALYUGIN, Ye.A.; LIEDEMAA, Ye.K.; SAPOZHNIKOVA, S.A.; RAKIPOVA, L.R.; POKROVSKAYA, T.V.; BAGDASARYAN, A.B.; ORLOVA, V.V.; RUBINSHTEYN, Ye.S., professor; MILEVSKIY, V.Yu.; SHCHERBAKOVA, Ye.Ya.; BOCHKOV, A.P.; ANAPOL'SKAYA, L.Ye.; DUNAYEVA, A.V.; UTESHEV, A.S.; RUDNEVA, A.V.; RUDENKO, A.I.; ZOLOTAREV, M.A.; NERSESYAN, A.G.; MIKHAYLOV, A.N.; GAVRILOV, V.A.; TSOMAYA, T.I.; DEVIATKOVA, A.M.; ZAVARINA, M.V.; SHMETTER, S.M.; BUDYKO, M.I., professor.

Discussion of the report (in the form of debates) [of the current state climatological research and methods of developing it]. Inform. sbor.GUGMS no.3/4:26-154 '54. (MIRA 8:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Fedorov). 2. Glavnaya geofizicheskaya observatoriya im. A.I.Voeykova (for Predtechenskiy, Lebedev, Yanishevskiy, Isayev, Rakipova, Pokrovskaya, Orlova, Rubinshteyn, Budyko, Shcherbakova, Anapol'skaya, Dunayeva, Rudneva, Gavrilov, Zavarina). 3. Ukrainskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut (for Buchinskiy).

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4. Vsesoyuznyy institut rastenievodstva (for Selyaninov, Rudenko).
5. Bioklimaticheskaya stantsiya Kislavodsk (for Boshno).
6. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova (for Alisov).
7. Ministerstvo putey soobshcheniya SSSR (for Biryukov).
8. Institut geografii Akademii nauk SSSR (for Gal'tsov, Grigor'yev).
9. Geofizicheskaya komissiya Vsesoyuznogo geograficheskogo obshchestva (for Evgenson).
10. Ministerstvo elektrostantsiy i elektropromyshlennosti SSSR (for Muretov).
11. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova (for Khromov).
12. Tsentral'nyy nauchno-issledovatel'skiy gidrometeorologicheskiiy arkhiv (for Sokolov, Zolotarev).
13. Gosudarstvennyy okeanograficheskiiy institut (for Samoylenko).
14. Tsentral'nyy institut prognozov (for Usmanov, Sapozhnikova).
15. Institut geografii Akademii nauk SSSR i Tsentral'nyy institut kurortologii (for Chubukov).
16. Nauchno-issledovatel'skiy institut imeni Sechenova, Yalta (for Trotsenko).
17. Arkticheskiiy nauchno-issledovatel'skiy institut (for Vangengayn).

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18. Dal'nevostochnyy nauchno-issledovatel'skiy gidrometeorologicheskii institut (for Sokolov). 19. Institut geologii i geografii Akademii nauk Litovskoy SSR (for Styro). 20. Mostovskoe upravlenie gidrometsluzhby (for Temnikova). 21. Morskoy gidrofizicheskii Institut Akademii nauk SSSR (for Dmitriyev). 22. Vsesoyuznyy institut rasteniyevodstva (for Malyugin). 23. Akademiya nauk Estonskoy SSR (for Liedemaa). 24. Akademiya nauk Armyanskoy SSR (for Bagdasaryan). 25. Leningradskiy gidrometeorologicheskii institut (for Milevskiy).
(Continued on next card)

FEDOROV, Ye.Ye., professor; PREDTECHENSKIY, P.P., and others.

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26. Gosudarstvennyy gidrologicheskiy institut (for Bochkov). 27. Kazhskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (for Uteshev). 28. Upravlenie gidrometsluzhby Armyanskoy SSR (for Nersisyan). 29. Leningradskoye upravleniye gidrometsluzhby (for Mikhaylov, Devyatkova). 30. Tbilisskiy gosudarstvennyy universitet (for Tsomaya). 31. Tsentral'naya aerologicheskaya observatoriya (for Shmeter). (Climatology)

BAGDASARYAN, A.B.

Map of vertical climatic zones of the Armenian S.S.R. Report 15.
Dokl. AN Arm. SSR 22 no.4:165-169 '56. (MLRA 9:8)

1. Institut ekonomiki Akademii nauk Armyanskoy SSR. Predstavleno
I.G. Magak'yanom.
(Armenia--Climate)

BAGDASARYAN, A.B.

Modern methods of climatological analysis.
58:23-38 '66.

Nauch.trudy Erev.^{7/6}
(MIRA, 10:7)

1. Kafedra fizicheskoy geografii.
(Climatology)

12/10/54 11:11 AM - 11/11/54
BAGDASARYAN, A.B.

Circulation processes in Armenian Highland climate. Izv. AN Arm. SSR.
Ser.geol.i geog.nauk 10 no.1:43-53 '57. (MIRA 10:10)

1. Armyanskoye geograficheskoye obshchestvo pri AN Armyanskoy SSR.
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BAGDASARYAN, A.B.

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AN Arm.SSR 24 no.2:91-96 '57. (MLRA 10:4)

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S.S.Martchyanom.
(Sevan region--Wind power)

3(3)

PHASE I BOOK EXPLOITATION

SOV/2069

Bagdasaryan, Andranik Bakhshiyevich

Klimat Armyanskoy SSR (Climate of Armenia) Yerevan,
AN Armyanskoy SSR, 1958. 139 p. Errata slip inserted.
1,000 copies printed.

Sponsoring Agency: Akademiya nauk Armyanskoy SSR. Institut
ekonomiki.

Ed.: Kh. P. Pogosyan, Professor; Tech. Ed.: M.A. Kaplanyan,

PURPOSE: This book is intended for climatologists and area
specialists interested in the Armenian region.

COVERAGE: In his climatological study of Armenia the author
combines three approaches: 1) the method of mean values of
individual meteorologic elements, 2) the complex method, and
3) the dynamic method. On the basis of his climatological
investigations the author establishes agricultural zones,

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Climate of Armenia

SOV/2069

resort regions, etc. He recommends an increased use of solar and wind energy in Armenia to offset the mineral fuel shortage. The author thanks Corresponding Member of the Academy of Sciences, Professor Ye. Ye. Fedorov, and Professors L.A. Chubukov, Kh. P. Pogosyan, A.P. Gol'tsov, and V.A. Dzhordzhio. He further thanks Candidates of Sciences O.A. Geodakyan (deceased) and Ye. M. Baybakova. There are 63 references 59 of which are Soviet, 2 English, 1 German, and 1 French.

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AVAILABLE: Library of Congress (QC989.R5A7)

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7-30-59

Card 4/4

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1. Institut ekonomiki AN ArmSSR.
(Armenia--Winds)

STEPANYAN, L.A., red.; ARUTYUNYAN, A.B., red.; BAGDASARIAN, A.B., prof.,
 doktor geogr. nauk, glav. nauchnyy red.; DAVTYAN, G.S., red.;
 MARTIROSYAN, G.M., red.; MARUKHYAN, A.O., red.; MKRTCHYAN, S.S.,
 red.; URUSOV, V.V., red.; SHAKHBAZYAN, M.S., red.; ALLAKHVERDYAN,
 G.O., kand. ekonom. nauk zam glav. nauchnogo red.; ARUTYUNYAN,
 N.Kh., akademik, red.; VALESYAN, L.A., kand. geogr. nauk, red.;
 DUL'YAN, S.M., kand. geogr. nauk, red.; YEREMYAN, S.T., red.;
 ZOGHABYAN, L.N., kand. geogr. nauk, red.; KOCHARYAN, G.A., prof.,
 red.; POGOSYAN, Kh.P., prof., doktor geogr. nauk, red.;
 RUTKOVSKAYA, M.S., starshiy red.; SAVELO, A.F., tekhn. red.;
 YAROSHEVICH, K.Ye., tekhn. red.

[Atlas of the Armenian Soviet Socialist Republic] Atlas Armianskoi
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 (MIRA 15:2)

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(Armenia--Atlases)
(~~Armenia--Geography~~)

BAGDASARYAN, A.B.

Studying landforms in health resort research. Izv. AN Arm. SSR.

Geol. i geog. nauki 14 no. 6: 63-70 '61.

(MIRA 15:3)

1. Institut geologicheskikh nauk AN Armyanskoy SSR, Sektor geografii.
(Armenia--Health resorts, watering, places, etc.)
(Landforms)

ABRAMYAN, G.S.; BAGDASARYAN, A.B.

Importance of V.I.Vernadskii's works for modern physiocogeographical studies. Izv.AN Arm. SSR. Geol.i geog.nauki 16 no.3:87-92 '63.

(MIRA 17:2)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.

BAGDASARIAN, A. G.

42393: BAGDASARIAN, A. G. Uluchsheniye kachestva poosyrhogo masla 12 h-pod shveycharskogo syra. Trudy erevansk. zhoovet. in-ta vyp. 10, 1948 s 259-93 Bibliogr: 14 nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948

~~БАРБАКЕЯН, И. С.~~
USSR/ Farm Animals. Small Horned Stock. Q

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40477.

Author : Bagdasaryan, A. G.

Inst : ~~Not given.~~

Title : The Importance of Vitamin A in the Feeding of
Pregnant Ewes for the Growth and Stability of
the Progeny.

Orig Pub: Tr. Yerevansk, zoovet. in-ta, 1955, vyp. 18, 77-90.

Abstract: In the Armenian SSR, an experiment was conducted
on supplementation of the rations of sheep with
vitamin A and cod liver oil. As a result, the
average diurnal weight gain of the experimental
lambs increased, and the content of vitamin A
in the milk and of Hb in the blood augmented,
as compared with the control animals.

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45

MRKRTCHYAN, S.S., akademik, glav. red.; VARDANYANTS, L.A., red.;
 GABRIYELYAN, A.A., red.; MAGAK'YAN, I.G., akademik, red.;
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 doktor geogr. nauk, otv. red.; BAGDASARYAN, A.G., doktor
 geogr. nauk, red.; BAL'YAN, S.P., kand. geogr. nauk, red.;
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 izd-va; KAPLANYAN, M.A., tekhn. red.

[Geology of the Armenian S.S.R.] Geologiya Armianskoi SSR.
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 AN Armianskoi SSR. Vol. 1. [Geomorphology] Geomorfologiya.
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Isothermal solubility diagram of the ternary system $\text{NH}_4\text{Fe}(\text{SO}_4)_2$ -

$\text{NH}_4\text{Al}(\text{SO}_4)_2$ - H_2O at 10 and 25°. Zhur. neorg. khim. 6 no.7:

1681-1684 J1 161.

(MIRA 14:7)

(Systems (Chemistry)) (Solubility)

TRET'YAKOV, Yu.D.; BAGDASAR'YAN, A.Kh.

Isothermal solubility diagram for the quaternary system $\text{MgSO}_4\text{-(NH}_4)_2\text{SO}_4\text{-NiSO}_4\text{-(NH}_4)_2\text{SO}_4\text{-H}_2\text{O}$ at 40°C. *Dokl. Akad. Nauk SSSR* 1716-1723 JI '82. (MIRA 16:3)
(Systems (Chemistry)) (Solubility) (Sulfates)

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